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2024??

?????RFK Jr. Says Climate Change Being Exploited to Push ‘Totalitarian Controls’  
(theepochtimes.com)?

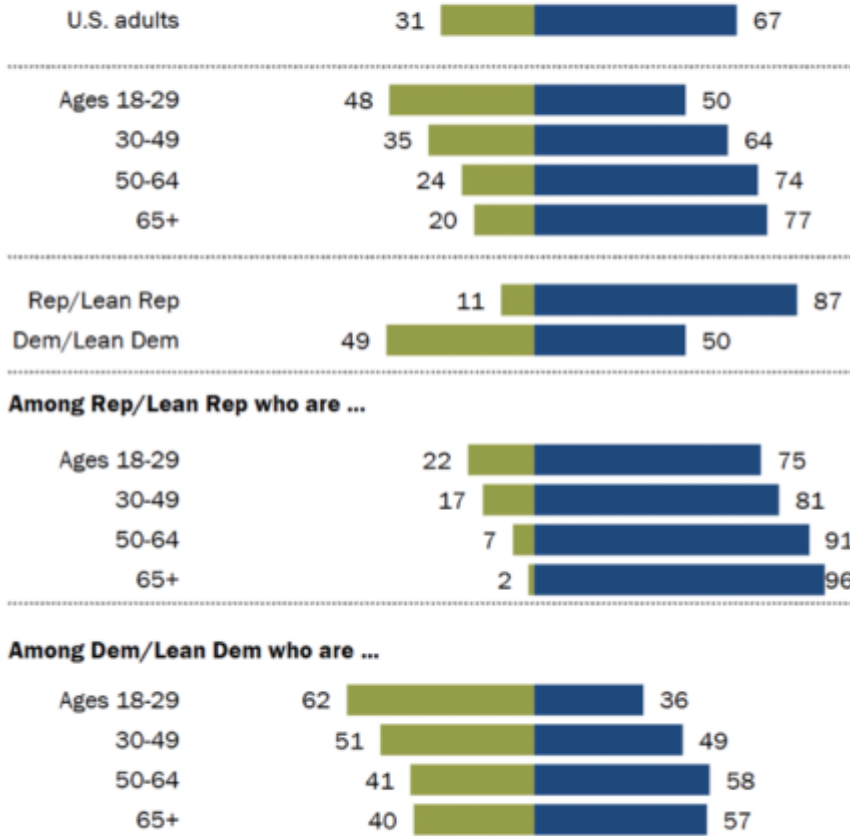
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# Younger U.S. adults more open than older adults to phasing out fossil fuels completely

% of U.S. adults who say that the U.S. should ...

- Phase out the use of oil, coal and natural gas completely, relying instead on renewable sources
- Use a mix of energy sources including oil, coal and natural gas along with renewable sources



Note: Respondents who did not give an answer are not shown.  
Source: Survey conducted Jan. 24-30, 2022.

PEW RESEARCH CENTER

???What the data says about Americans' views of climate change?Pew Research Center ?

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- ???67??
- ???
- ?????????????????18 ?? 29 ???62%????????????????50 ?????????40??????????
- ???18 ??? 29  
????????22%????????????????????????????????????50 ?????????10????????

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ESG 2023 5 3



ESG ESG 2 ESG

QC ESG ESG

ESG ESG 2021 6 4

ESG 2022 ESG ESG GFANZ NZAM The Net Zero Asset Managers initiative NZBA 19

COP27 CO2 ESG

2023 EU 2035 EV ESG 19 ESG

2024

CO2 1

年	日本	米国
1997 年	▲6% (橋本政権)	▲7% (クリントン政権)
2015 年	▲26% (安倍政権)	▲26% (オバマ政権)
2021 年	▲46% (菅政権)	▲50~52% (バイデン政権)

CO2

CO2 CSR

2021 1 2021 4 46% 2024 ESG

ESG ESG





a-image/iStock

**EU?EV?????**

?????EU?????????????2035?????????????e-  
fuel????????????????????EU?EV????????????EU????????  
?????EV?????????????

e-  
fuel????????H<sub>2</sub>????????CO<sub>2</sub>????????  
CO<sub>2</sub>????????e-  
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**???????**

?????550????????2020?10?26?EU????????2050?????  
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1. 400????????EV??10????????????20????????????10?15??  
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2. ??EV????????????????????????????????????37????????????????????????????10?20????????????50?150????????????600????  
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3. EV????????????????????????????????????30????????????????????????????2????????????????????EV?????????  
????????EV?????1????????????

??3????????????????????????????????????

??WEF????????????????CO<sub>2</sub>??WEF?Sustainable  
Development Impact Meetings????????????????????????

UN Secretary for Global Comms says we “own the science” on “climate change,”  
and we think that “the world should know it.”

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??????WEF??

**?????e-fuel??????**

??e-fuel????CO<sub>2</sub>?H<sub>2</sub>????Fischer-  
Tropsch?FT????????????????????FT????1920????????????????FT????????????????????  
??CO?H<sub>2</sub>??

????FT????????????CO?H<sub>2</sub>??



n  
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????????????CO<sub>2</sub>??CO?220?270????????????  
O<sub>2</sub>????700?800????????????





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Posted in ??????????, ??, ?????????? | No Comments »

## G7????????????????????

?? ? · Tuesday, April 25th, 2023

4?15?16????????????G7????????????????????????????????

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G7? ???? ???? ????  
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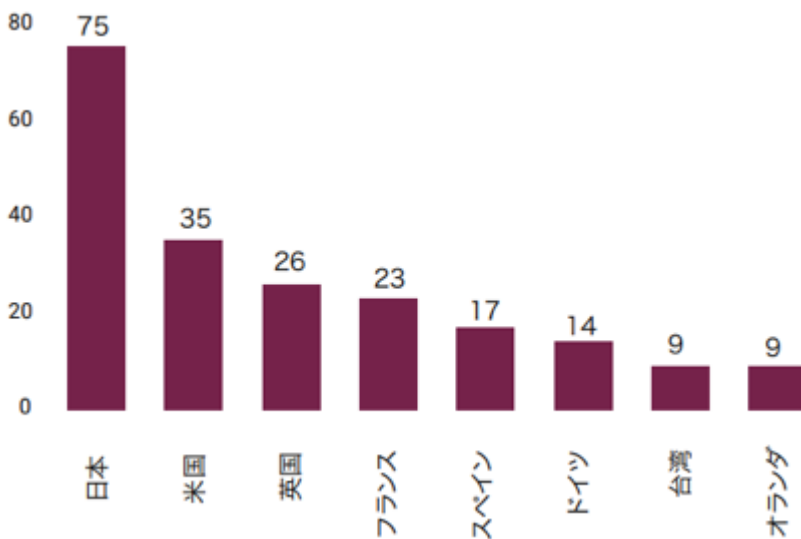
**CDP??????**

??????????????CDP????????????CDP?????NGO????????CO2?????????????1?2?3????????????????CO2???  
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????????CDP????????2022????????????????????????A????????75????????2????????35????????????1  
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# 気候変動 Aリスト 2022

Aリスト国・地域別企業数(上位8か国)



?1?CDP?????A????2022

CDP 2022

2022 SDGs Google SDGs CDP

CDP 4

CDP CO2 CO2 Tier1 CDP 100%

CDP

CO2

(a)会社名	(b)調達金額 (円)	(c)各社の売上高 (円)	(d)各社の CO2 排出量 (トン)	(e)=(d)×(b)÷(c) (トン)
A社				
B社				
C社				
:				

Tier1 CO2

a b Tier1

c d CO2

a d e d × b ÷ c CO2 Tier1

2021 2022

CO2

CDP CDP





deepblue4you/iStock

2023?4?15??

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Wikipedia??

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Posted in ??????????, ??, ?? | No Comments »

**???15????????????????**

?? ? · Friday, April 14th, 2023



Leestat/iStock

2017 6 15 15

2021 5

CO2

H2O

CO2

CO2 H2O

IT



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Posted in ??????????, ??? | No Comments »

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?? ?? ? - Wednesday, April 12th, 2023



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Wikipedia??



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Wikipedia??

Posted in ??????????, ??, ?? | No Comments »

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?? ?? · Sunday, April 9th, 2023



Hello my names is james,I'm photographer./iStock

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2050??  
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**1. ?????????????????????????????**

?????????????????EV??1????????????????????100?????????

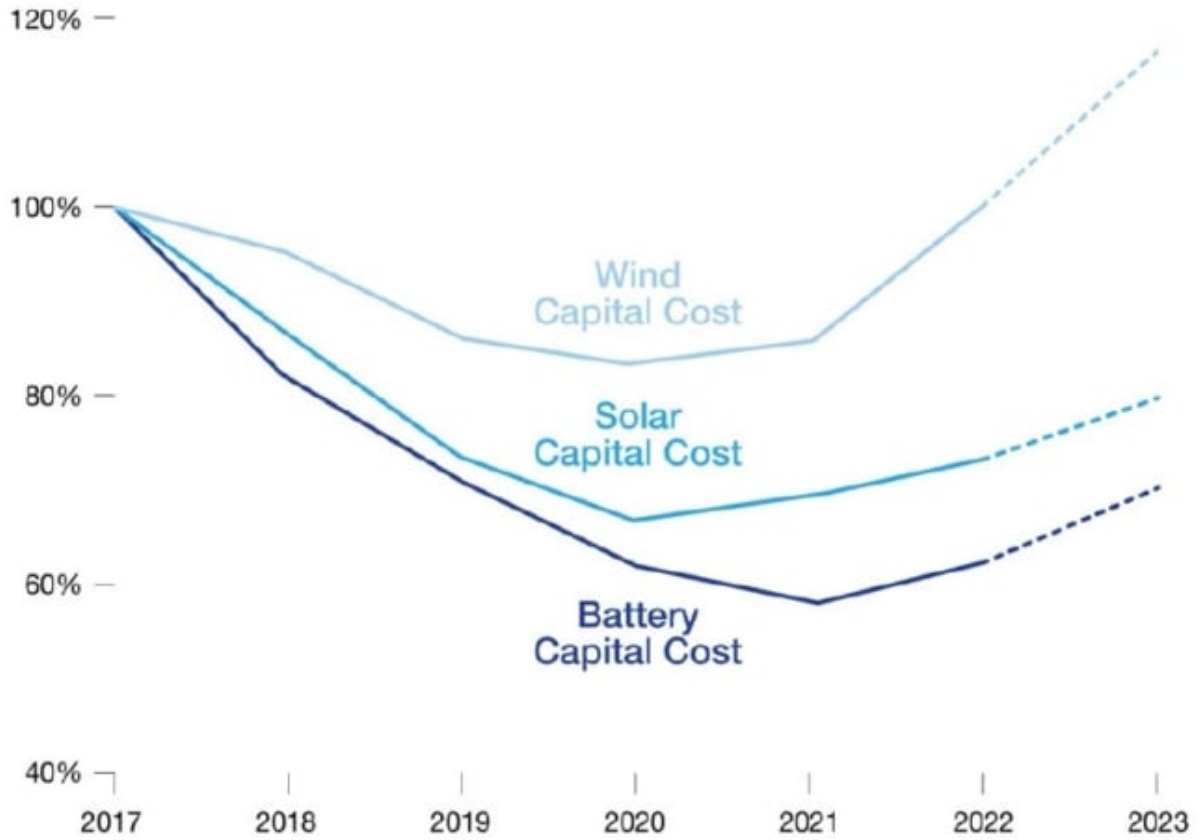






### Costs of Wind, Solar, and Battery Hardware

Change from 2017

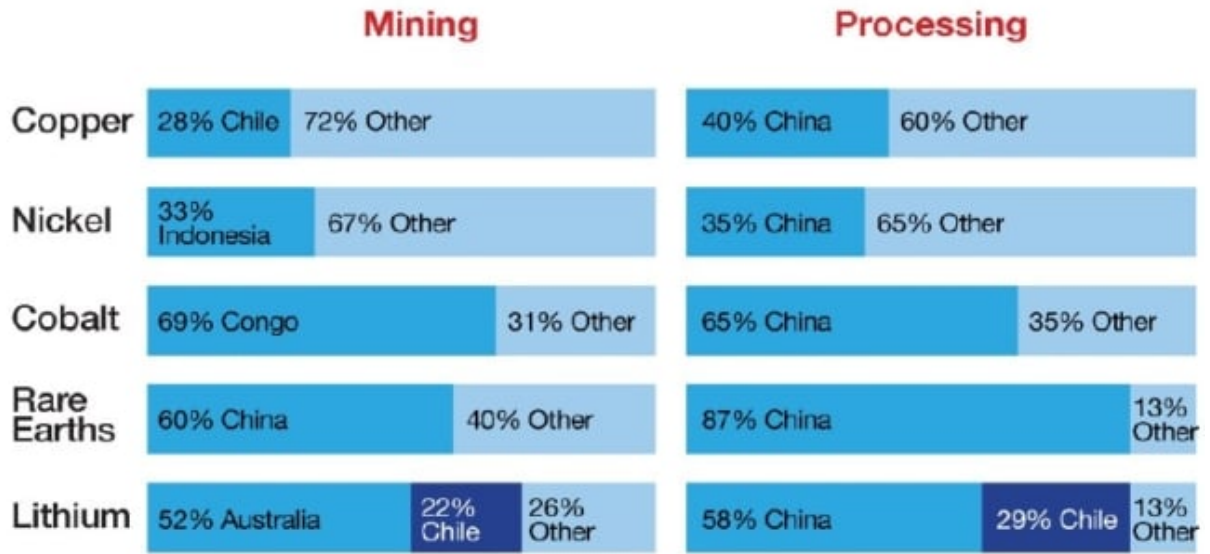


????????????????????????????????60?70????????????????20????????????IEA????????????????  
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#### 4. ??????????OPEC???

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### Sources of Key Energy Transition Minerals



??OPEC?????2????????????????????????????????  
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Posted in ???, ????? | No Comments »

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?? ?? · Saturday, April 8th, 2023



HiddenCatch/iStock

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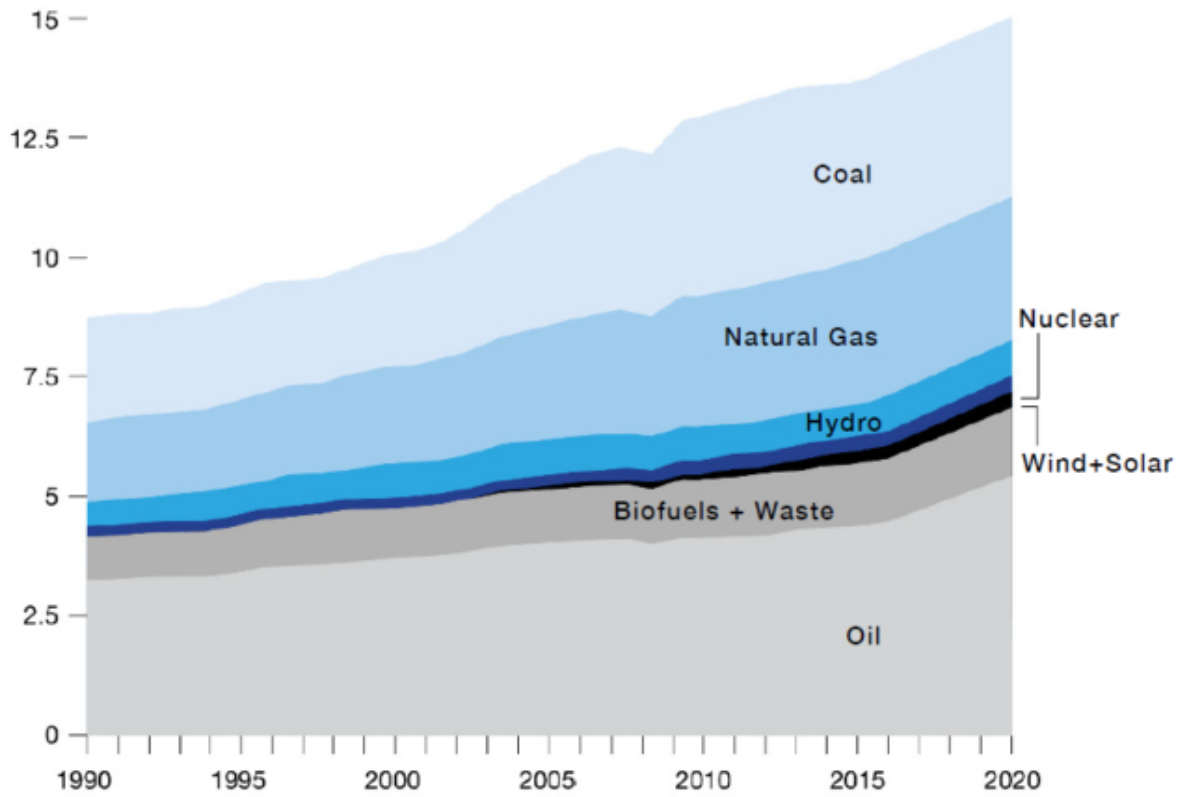
2050??

**1. ?????????????????????**

??10??

# Growth in Global Energy Supplies

Oil Equivalent (Billion Tons/Year)\*



## 2. ???????????????

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??10???????

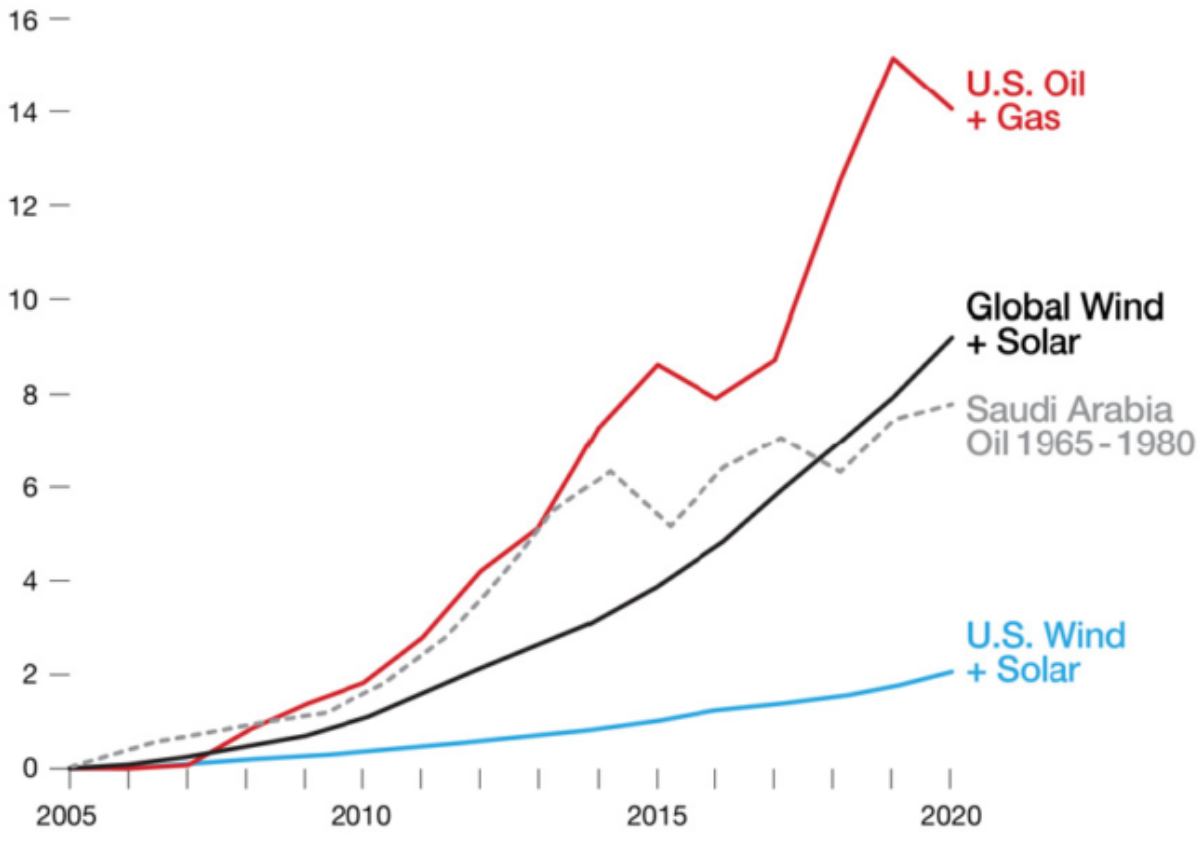
??60??????????????5??100????80????????????????????100???

??????????????80????????????????????????????????



Growth of Shale Energy vs. Wind+Solar 2005–20, Compared with Saudi Arabia Oil 1965–80

Increased Production (Million BOE/Day)



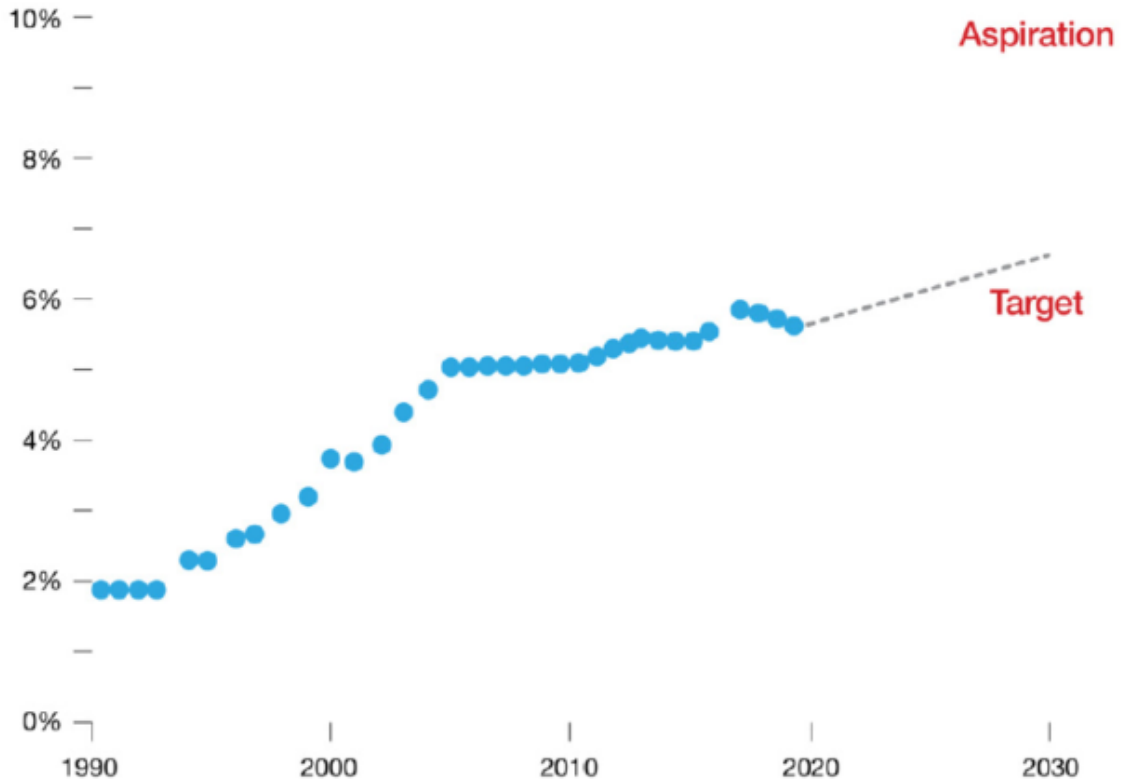
4. ?????????????????????

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Battery Energy Density\* (% of Gasoline Density)



\*Note: Density comparison incorporates the doubly superior efficiency of a battery+motor vs. gasoline+engine.

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- ??????????CCS????????????????????200????????????????????CCS?????  
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Posted in ???, ????? | No Comments »

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?? ?? · Thursday, April 6th, 2023

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Posted in ???, ????? | No Comments »

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?? ?? · Tuesday, April 4th, 2023



Viktor Sidorov/iStock

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?2021?2??  
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??BBC????????”????2030????????????????????????????????  
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Posted in ???, ????? | No Comments »

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 ?? ? · Sunday, April 2nd, 2023







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Posted in ???, ????? | [No Comments »](#)

## ??EV????????????????????????????????

?? ?? · Saturday, April 1st, 2023



?????? ????/iStock

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**EV????????????**

????????15.4??2020????????????????11.0????????4.4????????????????????6200????????  
1600????7800????????????????EV????????????????1640??2021????????1????????

????????????????15????????15.4????????1????????????????EU????????????????EV????  
????????????????1??EV????????????????

EV????????????????1??500kg????????????2000kg????????1??EV????????7000????????3000?  
????????????????????????????500kg?7000?? ? 2000kg?3000??9500????????????

2020????EV????????145.5GWh????????2021.11????EV??80kWh????????500kg????????6kg?kWh??  
?145.5kWh????????90????????????1??EV????????????9500????2020????????100????????  
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TESLA MOTORS CLUB?????

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EV????????????67??2019????????????95????????EV????????????EV??CO2??  
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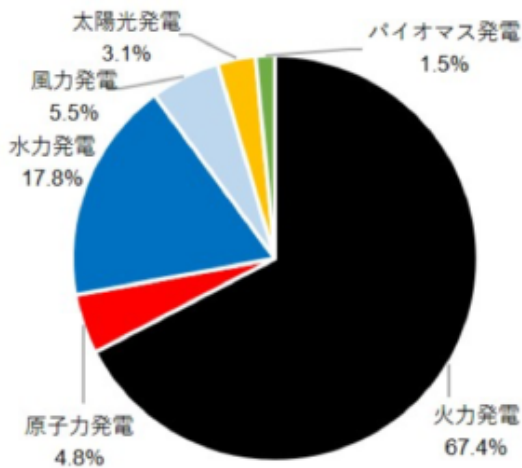


図4 2019年の中国の発電電力量の構成

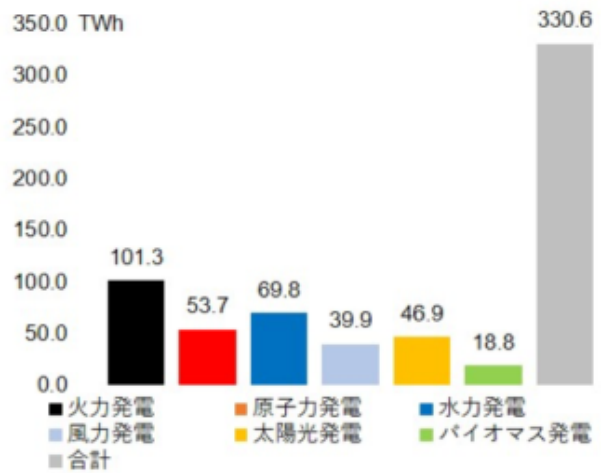


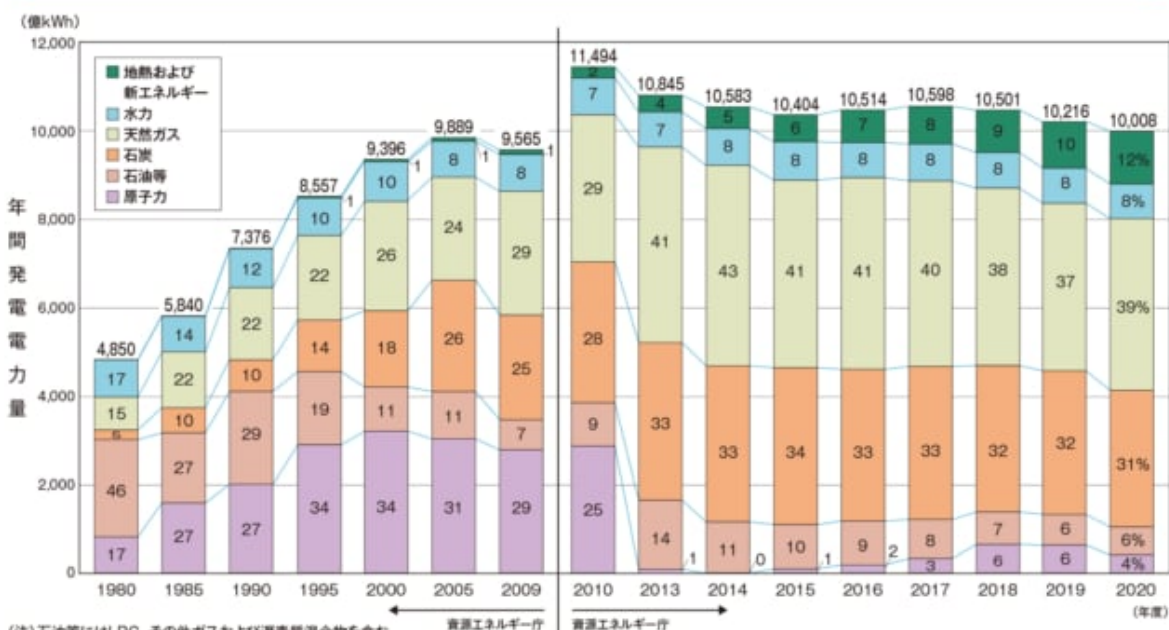
図5 2019年に増加した発電量の内訳

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????????EU????????2035????????EV????????????????????????????  
????????????????????CO2????????????

????????????????76????????EV????CO2????????

### 電源別発電電力量の推移



(注) 石油等にはLPG、その他ガスおよび混焼質混合物を含む  
四捨五入の関係で合計値が合わない場合がある  
グラフ内の数値は構成比(%)

← 資源エネルギー庁「電源開発の概要」、「電力供給計画の概要」を基に作成  
→ 資源エネルギー庁「総合エネルギー統計」を基に作成

1-2-7 出典：資源エネルギー庁「エネルギー白書2022」より作成

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EV??CO2??

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??CO2????????????CCS????CO2??  
??2030????????????2050????  
????????????2050?2060????????????????????????????????????

????????????????EU????????????????2035????????????EV????????????????????????  
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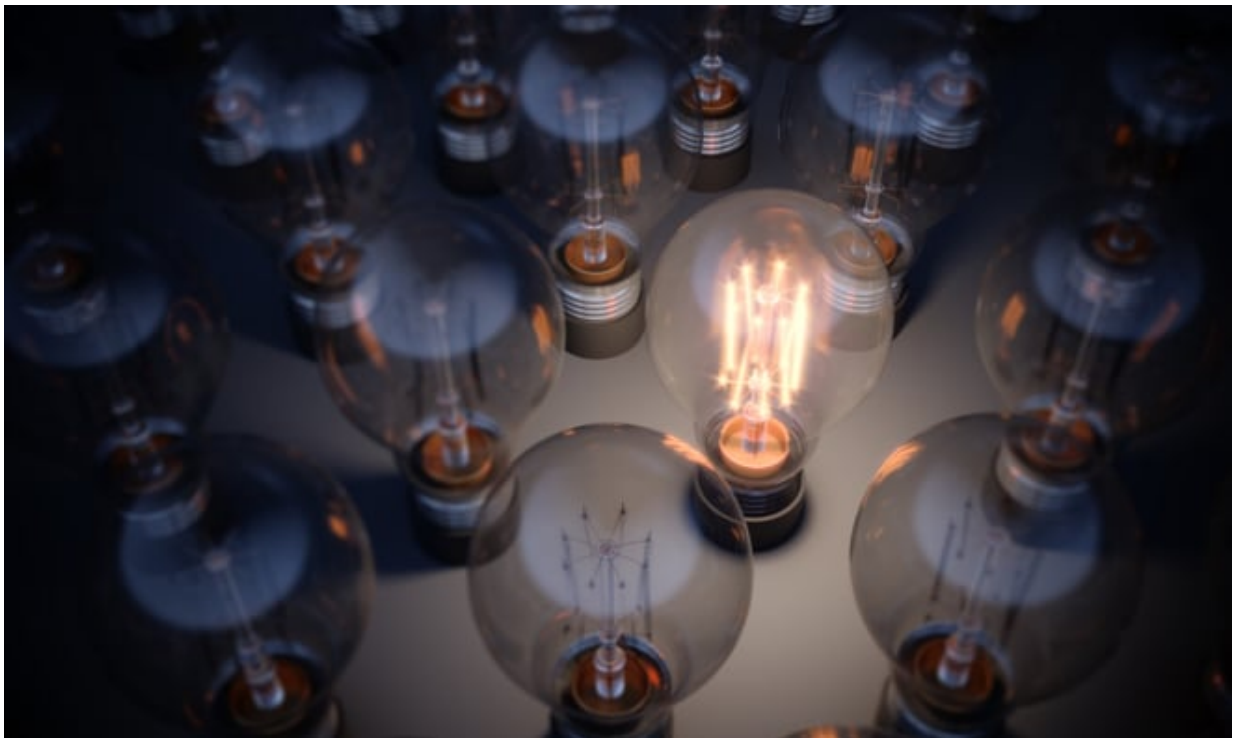
?????EV?????CO2?????CO2?????  
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?????GX?????EV?????EV?????  
?????GX?????EV?????

Posted in ??????, ?? | [No Comments »](#)

## ?????iBR?????

?? ?? · Thursday, March 30th, 2023



Eoneren/iStock

????GX?????

?????ABWR?????)?APWR(?????)?????  
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**?????SRZ1200???**

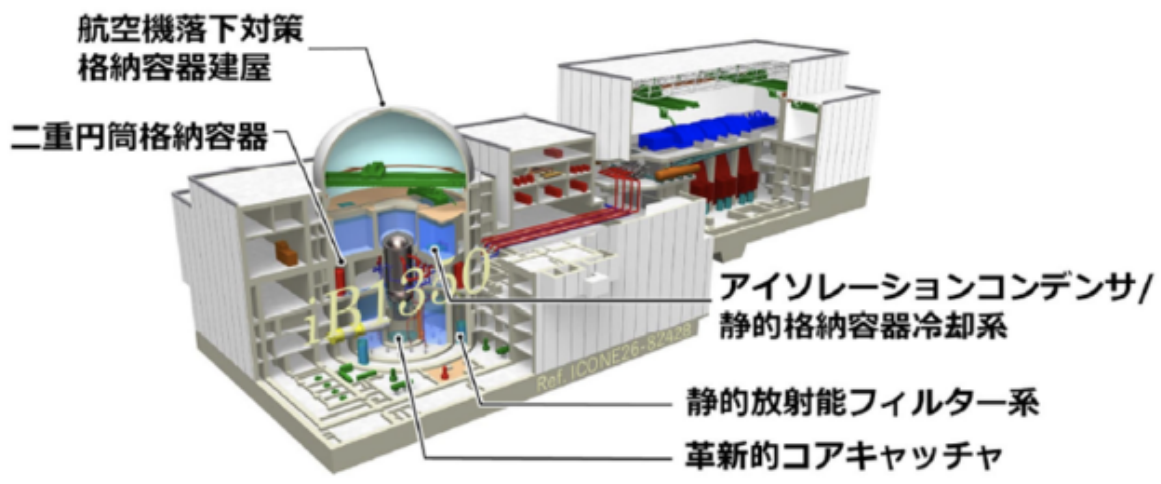


iBR????????????

iBR???innovative-intelligent-inexpensive BWR  
??135????????iB1350????

iB1350の全体概要図

建設実績のあるABWRをベースとして、様々な革新的安全系を採用。  
高い安全性を達成しつつ、建設性や経済性にも配慮。



iB1350

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Posted in ???, ????????? | No Comments »

### ?????????????????EU

?? ?? · Wednesday, March 29th, 2023



AlxeyPnferov/iStock

3????EU????????????

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for  
55????????2035?????EV????3?7?????  
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Fuel??

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Fuel??2035????????e-  
Fuel????????????????EU????????????????????????

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Fuel????????????????2035????????????????????EU????????????  
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Posted in ???, ??, ????? | [No Comments »](#)

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?? ?? · Wednesday, March 29th, 2023

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Posted in ???, ????? | No Comments »

## EU???????

?? ? · Tuesday, March 28th, 2023











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出所：中国中央电视台（CCTV）2015年3月8日

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??11????????????????Beixin Road & Bridge Group??

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?? ?? · Thursday, March 23rd, 2023



CO2????????????????????

Harry Wedzinga/iStock

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????2023?3?15?????????????BBB?BoerBurgerBeweging?????????????1?????????????????  
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Achisatha Khamsuwan/iStock

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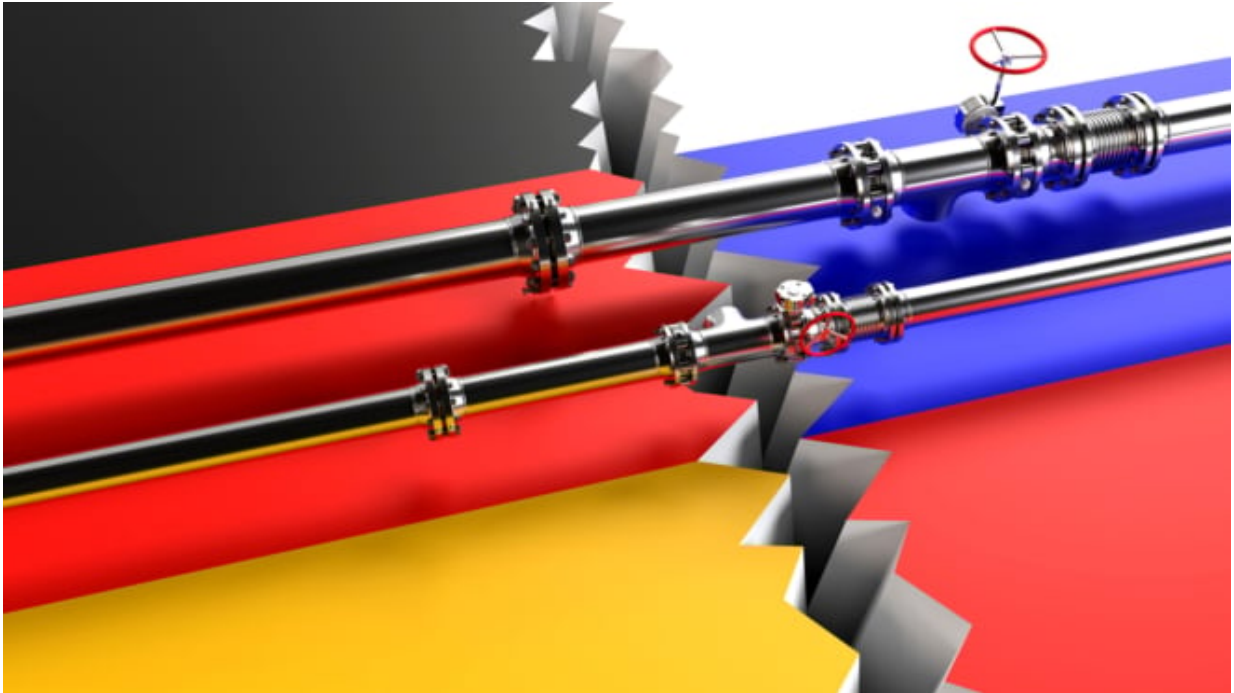
????????Xinjiang Production and Construction Corps,  
XPCC??1954????????????????????????????????????1981????????????  
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Leestat/iStock

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EU  
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2019?12?160km?

MV?MV?21?1?8?

20?100?2000?

1.65?215?

21?5?9?

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2?6?

2?2?1?

22?9?

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MV?

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980?50?4?

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9?2300?30?

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Bet\_Noire/iStock

????????CO2??

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**Bjorn Lomborg Climate Report: Hurricanes ‘Unprecedentedly Weak’ in 2022**

????????????????2022????????????????????

Thomas D. Williams, Ph.D.  
Breitbart News Network – 30 Jan 2023

????????????????????CNN?GAF??  
????WSJ??????

**Partisan ‘Fact Checkers’ Spread Climate-Change Misinformation**

I posted sound statistics on polar-bear populations, and Agence France-Presse called them ‘misleading.’

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**S.O.S for the U.S. Electric Grid**

PJM Interconnection sounds the latest alarm that fossil-fuel plants are shutting down without adequate replacement power. The political class yawns.

????S.O.S.?PJM??  
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By The Editorial Board Follow  
Feb. 26, 2023 4:47 pm ET

**The Ukraine War Lesson Europe Refuses to Learn**

The Continent is taking national security seriously but closes its eyes to the risks of ‘green’ energy.

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Posted in ??????????, ??? | No Comments »

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?? ?? · Monday, March 13th, 2023













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GSCA

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2016  
The City That Never Was

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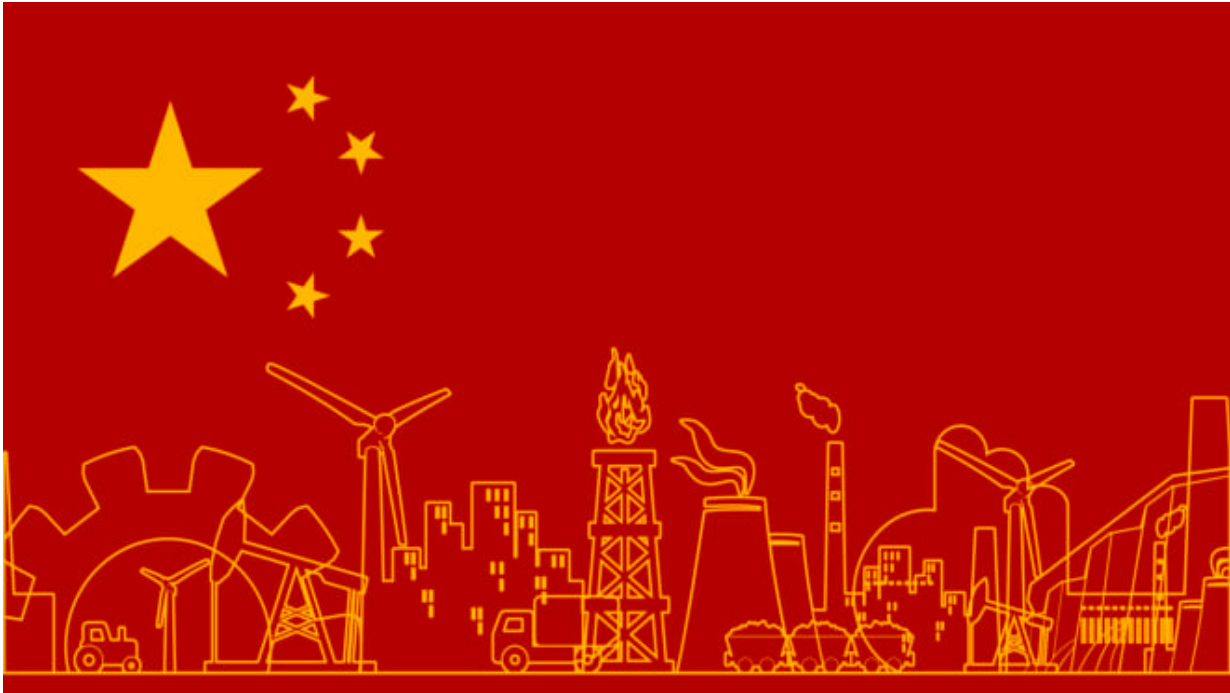
??World Economic  
Forum??WEF????????????????????WEF????????????????????????F?E?W????FEW????????/????  
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Posted in ???, ?????, ?? | No Comments »

**????????????20??????6??????**

?? ?? · Thursday, March 9th, 2023



Evgeny Gromov/iStock

????????????????????1?????????Global Energy Monitor?GEM??????????

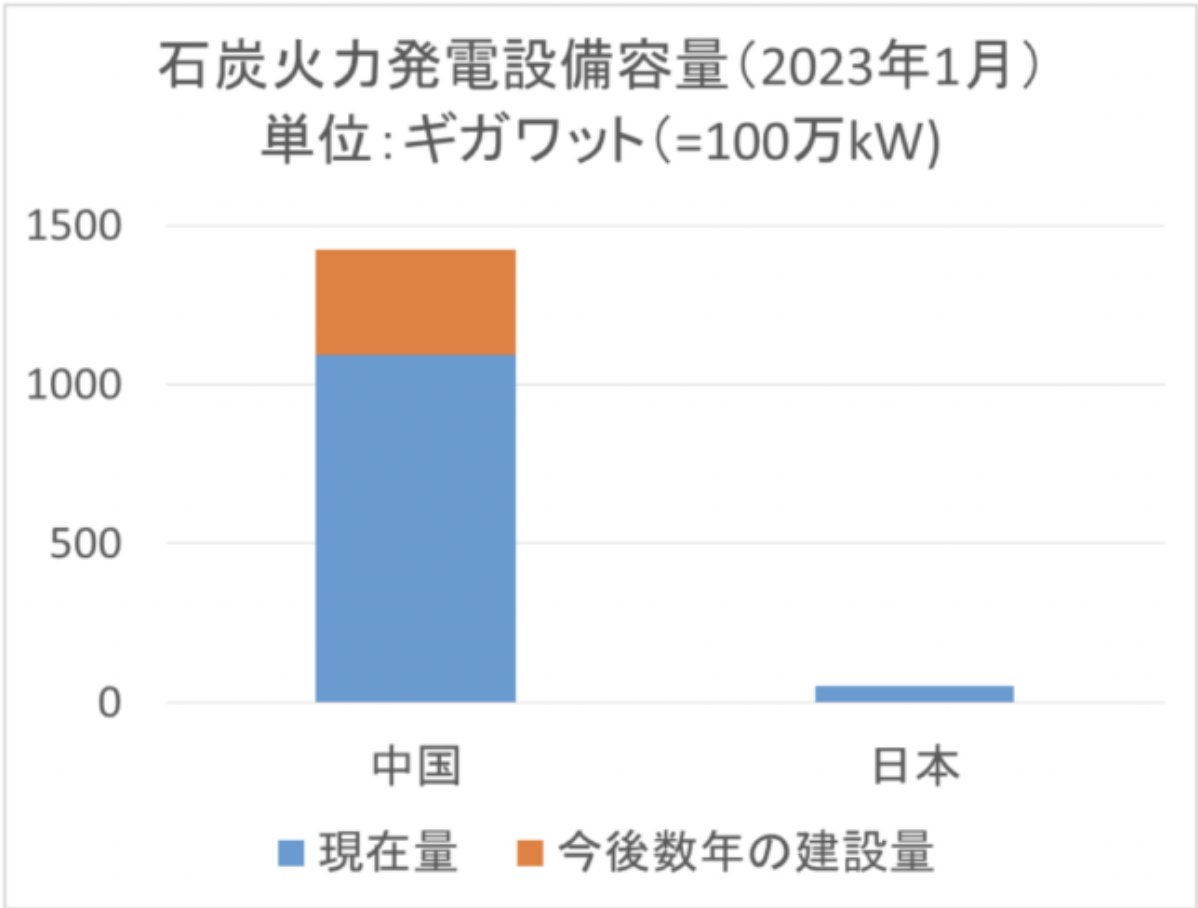


?1?GEM??

?????????????????????Permitted? ??????New project started?????????Construction?  
??????Commissioned??

2022??6??????????????????





	中国	日本
現在量	1093	53
今後数年の建設量	330	0

3????????GEM???

????????20????????????????????6????????????????????????????????

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